

PRE-INGRESS EQUIPMENT SETUP

TOOLS REQUIRED:

Short Flat-Tip Screwdriver

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|-------|---|--|
| MDxxx | 1. <u>PORTABLE FAN SETUP</u> | |
| | 1. Unstow: Portable Fan Assemblies (four) | |
| | 2. Unstow: D-Cell Batts (sixteen) | |
| | 3. Unfold fan. | |
| | 4. √Fan power - Off (center position) | |
| | 5. √Fan Speed select switch position - full CW | |
| | 6. Open Batt compartment using Short Flat Tip Screwdriver. | |
| | 7. Install Batts (four), close compartment. | |
| | 8. Fan power → On | |
| | 9. √Fan is running | |
| | 10. Fan power → Off | |
| | 11. Fold fan closed. | |
| | 12. Repeat steps 3 --- 11 for three more fans. | |
| | 13. Stow Fan Assemblies (four) in Jettison/Stowage Bag for ingress. | |
| TBD | 2. <u>ORBITER TO ISS AIR DUCT SETUP</u> | |
| | Unstow Shuttle/Station Air Duct Assembly and straight coupler. | |
| | Connect straight coupler to duct. | |
| | Tmpy stow. | |
| MDxxx | 3. <u>ISS O2 EXTENSION HOSE SETUP</u> | |
| | 1. Unstow ISS O2 extension hose segments (four). | |
| | 2. Connect extension segments to form two 60-foot extension segments. | |
| | 3. Tmpy stow extension segments. | |

4. TOOLS AND EQUIPMENT PREP FOR INGRESS:

Unstow, place in Ziploc Bags

APAS Hatch Kit (hatch tool and alcohol pads)

Flashlight

4" Ratchet Wrench, 1/4" Drive

Torque Wrench (30-200 inlb), 1/4" Drive

4" Extension, 1/4" Drive

1/4" to 3/8" Adapter, 1/4" Drive

3/8" to 1/4" Adapter, 3/8" Drive

Universal Joint, 3/8" Drive

7/16" Deepwell Socket, 1/4" Drive

8mm Deepwell Socket, 1/4" Drive

1/4" Deepwell Socket, 1/4" Drive

5/32" Hex Head Driver, 1/4" Drive

4" Adjustable Wrench

10" Adjustable Wrench

Docking Target Standoff Cross Removal Kit

General Purpose Tape, 2"

Wire Cutters

Connector Pliers (Early Communication Installation)

Short Flat Tip Screwdriver (Portable Fan Assemblies)

Ear Plugs

Unstow, place in Stowage Bags

O-rings for IMV caps (two sets of two)

D-cell Batts (sixteen)

Air Sample Bottle (one)

Dessicant/Shroud Assemblies (four)

Towel

Trash Bag Liner

Dry Wipes

"Return to Houston" Bag

PMA IMV Duct Extension with three Velcro straps

Portable Fan Assemblies (four)